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## Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

- 1. (Currently amended) A radiation-curable composition comprising:
  - (i) a cationically polymerizable component;
  - (ii) a cationic photoinitiator;
  - (iii) a free radical polymerizable component other than caprolactone acrylate selected from the group consisting of
    - (a) non-aromatic free radical polymerizable components comprising at least one  $C_1$ - $C_{10}$   $C_2$ - $C_4$  ether group; and
    - (b) aromatic free radical polymerizable components comprising more than four  $C_1$ - $C_{10}$   $C_2$ - $C_4$  ether groups; and
  - (iv) a free radical photoinitiator; and
  - (v) a hydroxy-functional component selected from the group consisting of polyether polyols;

wherein the composition, after cure, has a clarity of more than 90%.

- 2. (Currently amended) The composition of claim 1, wherein said free radical polymerizing polymerizable component is selected from the group consisting of:
  - (a) non-aromatic free radical polymerizable components comprising at least one two  $C_1$ - $C_{10}$   $C_2$ - $C_4$  ether groups; and
  - (b) aromatic free radical polymerizable components comprising more than four  $C_1$ - $C_{10}$   $C_2$ - $C_4$  ether groups.
- 3. (Cancelled).
- 4. (Currently amended) The composition of claim 1, wherein said free radical polymerizing polymerizable component is selected from the group consisting of alkoxylated bisphenol A diacrylate, tripropyleneglycol diacrylate, polypropyleneglycol dimethacrylate, alkoxylated neopentylglycol diacrylate, alkoxylated hexanediol diacrylate, polytetrahydrofuran diacrylate, and alkoxylated trimethylolpropane triacrylate.

- 5. (Currently amended) The composition of claim 1, wherein said free radical polymerizing polymerizable component component is a diacrylate component.
- 6. (Original) The composition of claim 5, further comprising a free radical polymerizable component having at least three radiation-curable groups.
- 7. (Currently amended) The composition of claim 1, wherein said composition further emprises is absent caprolactone acrylate.
- 8. (Currently amended) A process for producing a three-dimensional object comprising rapid prototyping the composition of claim 1:
- (1) coating a thin layer of the composition of claim 1 onto a surface;
- (2) exposing said thin layer imagewise to actinic radiation to form an imaged cross-section, wherein the radiation is of sufficient intensity to cause substantial curing of the thin layer in the exposed areas;
- (3) coating a thin layer of the composition of claim 1 onto the previously exposed imaged cross-section;
- (4) exposing said thin layer from step (3) imagewise to actinic radiation to form an additional imaged cross-section, wherein the radiation is of sufficient intensity to cause substantial curing of the thin layer in the exposed areas and to cause adhesion to the previously exposed imaged cross-section;
- (5) repeating steps (3) and (4) a sufficient number of times in order to build up the threedimensional article.
- 9. (Original) A three dimensional object obtained by the process of claim 8.
- 10-15. (Cancelled).
- 16. (Currently Amended) The radiation-curable composition of claim 1, wherein said radiation-curable composition comprises, relative to the total weight of the composition, at most 15 wt% of said first free radical polymerizable component.

- 17. (Currently Amended) The radiation-curable composition of claim 1, wherein said radiation-curable composition comprises, relative to the total weight of the composition, 3-10 wt% of said first free radical polymerizable component.
- 18. (Original) The radiation-curable composition of claim 1, wherein said cationically polymerizable component is an epoxy resin.
- 19. (Original) The radiation-curable composition of claim 1, wherein said cationically polymerizable component includes a cyclohexene oxide component.
- 20. (Cancelled).
- 21. (Currently amended) The radiation-curable composition of claim 20 1, wherein said cationic photoinitiator comprises antimonate.
- 22-23. (Cancelled).
- 24. (Currently amended) The radiation-curable composition of claim 10 1, wherein said composition further comprises a second free radical polymerizable component comprises having at least 5 free radical polymerizable groups.
- 25-31 (Cancelled).
- 32. (New) The composition of claim 1, wherein said hydroxy-functional component is selected from the group consisting of polyoxypropylene glycols and polyoxypropylene triols.
- 33. (New) The composition of claim 1, wherein said composition comprises 5-25 wt%, relative to the total weight of the composition, of said hydroxy-functional component.
- 34. (New) The composition of claim 32, wherein said composition comprises 5-25 wt%, relative to the total weight of the composition, of said hydroxy-functional component.

- 35. (New) A radiation-curable composition comprising:
- (i) a cyclohexene oxide component;
- (ii) alkoxylated trimethylolpropane triacrylate;
- (iii) a free radical polymerizable component having at least 5 acrylate groups; and
- (v) a hydroxy-functional component selected from the group consisting of polyoxypropylene glycols and polyoxypropylene triols.
- 36. (New) The composition of claim 35, wherein said composition comprises, relative to the total weight of the composition, 5-30 wt% of said alkoxylated trimethylolpropane triacrylate.
- 37. (New) The composition of claim 35, wherein said composition comprises, relative to the total weight of the composition, 5-15 wt% of said alkoxylated trimethylolpropane triacrylate.
- 38. (New) The composition of claim 35, wherein said composition comprises, relative to the total weight of the composition, 5-25 wt% of said hydroxy-functional component.
- 39. (New) The composition of claim 36, wherein said composition comprises, relative to the total weight of the composition, 5-25 wt% of said hydroxy-functional component.
- 40. (New) The composition of claim 35, wherein said hydroxy-functional component is a polyoxypropylene triol.
- 41. (New) The composition of claim 39, wherein said hydroxy-functional component is a polyoxypropylene triol.
- 42. (New) The composition of claim 35, wherein said composition, after cure, has a clarity of more than 90%.

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- 43. (New) A process for forming a three dimensional article comprising:
- (1) coating a thin layer of the composition of claim 35 onto a surface;
- (2) exposing said thin layer imagewise to actinic radiation to form an imaged cross-section, wherein the radiation is of sufficient intensity to cause substantial curing of the thin layer in the exposed areas;
- (3) coating a thin layer of the composition of claim 35 onto the previously exposed imaged cross-section;
- (4) exposing said thin layer from step (3) imagewise to actinic radiation to form an additional imaged cross-section, wherein the radiation is of sufficient intensity to cause substantial curing of the thin layer in the exposed areas and to cause adhesion to the previously exposed imaged cross-section;
- (5) repeating steps (3) and (4) a sufficient number of times in order to build up the threedimensional article.
- 44. (New) A three dimensional article obtained by the process of claim 43.